

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 08-152684

(43)Date of publication of application : 11.06.1996

(51)Int.Cl.

G03B 21/60

G02B 5/128

(21)Application number : 06-296940

(71)Applicant : TOPPAN PRINTING CO LTD

(22)Date of filing : 30.11.1994

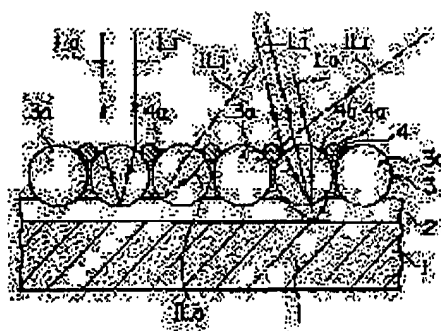
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(54) REFLECTION TYPE PROJECTION SCREEN

(57)Abstract:

PURPOSE: To enlarge visual field angle and to enhance video contrast by arranging a light absorbing layer composed of spherical or aspherical light absorbing materials which are opaque and smaller than a spherical body outside of transparent spherical bodies or both inside and outside.

CONSTITUTION: The light absorbing layer 3 constituted by fixing and holding spherical or aspherical light absorbing materials 4a which are opaque by an adhesive resin 4b is provided at least outside of transparent spherical bodies 3a (at a reflection side of a screen base material 1). The light absorbing materials 4a (beads made of glass or plastic, or granules whose surface or material is colored dark, for example, black) are smaller than the spherical body 3a and are colored by a light absorbing colorant. As an adhesive resin used in an adhesive layer 2 or for an adhesive resin 4b of the light absorbing layer 4 thermoplastic resins, thermosetting resins are usable. As a thermoplastic adhesive resin, a polyvinyl acetate, etc., are used. As a thermosetting adhesive resin, an epoxy resin, etc., are used.



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[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the
examiner's decision of rejection or application converted
registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of
rejection][Date of requesting appeal against examiner's decision of
rejection]

[Date of extinction of right]